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(54) Title: CATHEPSIN CYSTEINE PROTEASE INHIBITORS AND THEIR USE

(57) Abstract: The present invention relates to compounds and compositions for treating diseases associated with cysteine protease activity. The compounds are reversible inhibitors of cysteine proteases S, K, F, L and B. Of particular interest are diseases associated with Cathepsin S. In addition this invention also discloses processes for the preparation of such inhibitors.